



# FEEDLINE



BULLETIN OF THE CANTON AMATEUR RADIO CLUB  
Affiliated with the "American Radio Relay League"

MARCH.....1983

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Charles Scott	K8BYC	Gary Osborn	WASADA

The C A R C meets the third Wednesday of the month at 8:00 PM.  
NEXT MEETING IS MARCH 16th at the Emergency Preparedness Center.

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FROM THE PREZ Herb WD8IPE

March has some very important events for the members of Canton Amateur Radio Club.

March 26th is the Annual Auction. First Prize- Commadore VIC-20 Computer and cassette. Should be attractive, to hams and non-hams. Second Prize- Benchner paddles and Trac-Keyer is a fine addition to any shack. The Computer adds a new "dimension" to this year's prizes. We can now sell tickets to people who would never be interested in hamgear or come to the Auction.

If every member were to sell 10 tickets, we could easily double our net profit from the Auction, (I've sold my 10 already). Art W8FEC has plenty of tickets. Let's make this venture a success.

MARCH 12, 9:00AM at Massillon ARC club station, all members who want our club to own it's facilities, please be present. There will be some very inportant decisions made.

MARCH 13, 4:00 PM at Butler's. The Auction Committee will meet.



MARCH 21, 7:30PM at Rt 62 Bob's Big Boy, the HOF Hamfest committee will meet. Please attend.

73,

Herb WD8IPE, CARC President

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#### FEBRUARY CARC MEETING MINUTES

The February meeting was called to order at 8:10 PM. The round of introductions followed. There were only 26 in attendance, two of this group returned to the fold. Nice to have you back fellas!!!

KC8OU and KC8UQ, moved and seconded the elimination of the reading of last month's report. Herb asked for the status of the new Movices. Found that all but one made the grade. The lost sheep, we understand is being given some special help. Keep after him!! Ken, in his monthly report, indicated there is a falling off of entries into the ham ranks. Secretary stated that Dayton tickets, are on order. About half of the ten are already committed. Herb queried the group to find out whether there will be a bus going to Dayton. N8ATZ says RTTY group cancelled plans for bus this year.

Financial report for the month showed a net loss of \$727. The preparations for the Hamfest took \$600. Other expenditures included; Equipment insurance \$35, Dayton tickets \$75, and preliminary Auction costs \$28. Balance in treasury is \$3080.

Next Herb sought thoughts on how to get a building fund, for the joint CARC/MARC effort. Except for one suggestion submitted by Dave WD8AYE, discussion was light. Dave suggested a plan proposed by the Sylvania Company, to sell long life light bulbs. The cost of a package would be \$3.50 for five. It was felt that light bulbs of relatively long life could be bought cheaper in Canton and thought the profit picture looked good. Ease in moving stock may be difficult. No action taken on Dave's suggestion. Several other thoughts were submitted but the prospect of building a fund of a minimum of \$10,000, is at this date remote.

The Auction was next discussed by Herb WD8IPE. A VIC-20 computer and a cassette will be purchased for first prize. Hopefully this will attract a large number of interested ticket buyers, even non-hams. Talk up the Auction, please. Flyers were distributed, more are available, call Sec W8FEC or Scott KK8D.

Herb also indicated that the Hamfest big prize will be an Apple IIe.



Emergency Coordinator Dave WDSAYE, indicated preparations should be made for the forthcoming storm season. Dave would like to see two sessions set up for the training in Sky-Warn system. Contact Dave or Bill. Further, within the Disaster unit at the Preparedness Center, a move is being made to procure, either a TR-7A or a Corsair. Betty Taylor, Red Cross, has requested installation of 2 meter gear in the Red Cross Van if a sharing of costs could be arranged. Discussion evolved as to placing an Azden in the van, but was not accepted by the group. Question was asked as why our own Azden could not be used, or perhaps personal hand helds, if a good antenna were in place. No decision reached since expenses have been running high and precaution should be taken in allowing ham gear to be readily available to non-ham public.

Meeting ended with an update by Ken W8EK, as to FCC and ARRL proposals and actions. Discussed was no-code licensing. March QST should contain particulars. Further information was given on local testing where ARRL is making up a pool of questions perhaps 500 minimum. Also G.E. has submitted a proposal for a Personal Radio Service, in the 900mhz area, to be similar to CB, for autopatch work.

K8MZT and N8DJD called for adjournment and donuts, after 1½ hours of discussion. The sign-in sheet survey of those subscribing to ham periodicals, revealed a total of 15 get QST, 4 get CQ, 4 get 73, 1 World-Radio and 2 for Ham Radio. The Frank Paprzycki family KESG extend their thanks to CARC for our concern. Thanks Frank.

73

Art Schermerhorn W8FEC, Sec-Treas

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#### NI-CAD CARE

During the final part of a charge cycle of NiCad batteries, which will have a full charge of 1.3 volts, and during overcharge, oxygen is generated at the nickel (positive electrode) and hydrogen at the negative electrode. If the charging rate is too high, about 500 ma/hr, the pressure and temperature inside a cell will soar, and the cells destroyed. Since the cells are sealed, the pressure must not be excessive. However cells do have pressure vents when 150-330 psi is exceeded, but the cell life is shortened. NiCads should be operated in temperatures of 32° to 105°. Terminal voltage is maximum at 75°. A few simple rules to follow; 1. Don't discharge NiCads to zero volts, 2. Don't use after low battery signal comes on, 3. Don't use wall charger longer than 15 hours per



charge, 4. Don't use 15 hour charge on slightly discharged batteries, 5. Monitor charge, stop charging at optimum voltage 1.43volts per cell at room temperature, with 50ma/hr charging current, Don't store pack in freezer compartment of refrigerator, 7. Don't continue charging pack if it gets warm. Check for shorted cell.

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### CANTON ARC MEMBERSHIP

Who are your fellow members of the Canton ARC? Enclosed is the current list. If you don't see your buddies call listed, get him to sign up & renew his or her membership. Remember, we need 200 to use the non-profit mailing privilege, if we ever get it!! They want more information which is a little ridiculous. I think they are just trying my patience in the hopes we will give up. Wouldn't it be nice if every member got a new member!!!! Let's try it and see if we can.

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### ESTATE OF W8ULY

Mrs Mary Krug is offering the many items of Amateur radio gear and test equipment that Dan had accumulated over the years for his hobby. Some of the items have been realistically priced, and others are open for a bid if you are interested. Available are an Icom 251A, Icom IC-2AT with TT pad and extra battery, Heath HM-2102 Wattmeter SWR bridge, Hammarlund HQ-145A with spkr, Hallicrafter SX-71 with spkr, Gonset 6 meter communicator, Johnson Viking Ranger, Larsen 2 mtr 1/4 wave mag mount ant, HyGain vertical HiTower all band, Heath AT-1 for parts, Drake TR-72 & PS, Motorola FMTRU41B1(A)1D, Autek MK-1 CMOS memory keyer with Vibroplex key paddle, Drake TV-1000 lowpass filter, Drake TV-3300LP low pass filter, 3 hand keys, Hamkey straight key and paddles on single mount, Realistic Nova-10 8ohm headphones, Heath HD-1416 code oscillator, Shure 55C and Astatic JT-30 mics, Regency 8 channel scanner, Bearcat 210 scanner, Realistic 10 band Patrolman receiver, Realistic MW/VHF 147/175 portable radio, Micronta VOM 22-203, Sprague Tel-Ohmite model 16 VOM, Knight P-2 SWR/Power meter, Heath GD-1B grid-dip meter, Heath IG-102 signal generator, Precision 864 VOM, Precision 912 tube tester, Precision ES-500A scope, Midland model 23-115 transistor checker, Speco signal tracer, Weston 785 VOM, Stancor model 132 PS, 6VDC at 12.5 amps. reel to reel tape recorder, resister cabinet with assorted resisters, several boxes of misc parts, antique Clough-Brengle Sig Gen 100kcs to 30mcs and a johnson 6&2 meter converter. If interested in these items, call Bill K8JZN on 499-4175.